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Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450, on 12/5/05

Attorney for Applicants

Date DECEMBER 5, 2005

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

JOSEPH C. ZUERCHER et al.

Entitled:

APPARATUS AND METHOD FOR REAL TIME)
DETERMINATION OF ARC FAULT ENERGY,)
LOCATION AND TYPE)

Serial No. 10/627,016

Filed: July 25, 2003

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)
) Attorney Docket No. 02-mAE2-229
)
)
) Group Art Unit 2858
)
)
) Examiner Walter Benson
)
) Confirmation No. 3696

RESPONSE

600 Grant Street, 44th Floor
Pittsburgh, PA 15219
December 5, 2005

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed on September 9, 2005, the following
remarks are submitted.

For convenience of reference by the Examiner, the Claims are shown in the
Listing of Claims which begins on page 2 of this paper. No amendment to any of the claims
is made or intended.

Remarks begin on page 7 of this paper.